

**EARTH SYSTEM SCIENCE**

Data and Services

LAND Data Set Reference Sheet

September 2014

Physical Properties	Data Center	Selected Data Sets and Data Collections
<i>Complete data set listings available through each individual data center. For more information about NASA's Earth Observing System Data and Information System (EOSDIS) data centers, see: https://earthdata.nasa.gov</i>		
Fire Occurrence Extent, thermal anomalies	ASF SAR DAAC http://www.asf.alaska.edu	<ul style="list-style-type: none"> ASF Data Pool of processed SAR data and images (Seasat, PALSAR, JERS-1, RADARSAT-1, ERS-1, ERS-2, UAVSAR, AIRSAR, AirMOSS) Custom SAR Interferograms (ERS-1, ERS-2, JERS-1, PALSAR, RADARSAT-1) UAVSAR Repeat Pass Interferometric products
	GES DISC http://disc.sci.gsfc.nasa.gov	<ul style="list-style-type: none"> TRMM/TSDIS Fire Products (Daily Hot Spot Image and Monthly Composite Map of Fire Counts)
	LP DAAC https://lpdaac.usgs.gov	<ul style="list-style-type: none"> ASTER L1B Registered Radiance at the Sensor ASTER Level 2 Surface Emissivity ASTER Level 2 Surface Kinetic Temperature ASTER Level 2 Surface Radiance ASTER Level 2 Surface Radiance SWIR Crosstalk MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 5-Min L2 Swath 1km MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 8-Day L3 Global 0.05Deg CMG MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 8-Day L3 Global 1km SIN Grid MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 0.05Deg CMG MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 1km SIN Grid MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 5600m SIN Grid MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Monthly L3 Global 0.05Deg CMG MODIS/Terra and MODIS/Aqua Surface Reflectance 8-Day L3 Global 250m SIN Grid MODIS/Terra and MODIS/Aqua Surface Reflectance 8-Day L3 Global 500m SIN Grid MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L2G Global 1km and 500m SIN Grid MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L2G Global 250m SIN Grid MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L3 Global 0.05Deg CMG MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire 5-Min L2 Swath 1km MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire 8-Day L3 1km SIN Grid MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire Daily L3 1km SIN Grid MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire Monthly L3 Global 500m SIN Grid
	ORNL DAAC http://daac.ornl.gov	<ul style="list-style-type: none"> Global Fire Emissions Database, Version 2.1 (GFEDv2.1) LBA-ECO LC-23 ASTER and MODIS Fire Data Comparison for Brazil: 2003-2004 LBA: Characterization of Vegetation Fire Dynamics for Brazil 2001-2003, and Forest Structure Measurements for GLAS Validation: Santarem 2004 SAFARI 2000 Data Sets: ASTER and MODIS Fire Data Comparison; Emissions and MODIS Burned Areas
Gravity Gravity Field Models, Measurements	CDDIS http://cddis.gsfc.nasa.gov	<ul style="list-style-type: none"> Ground Network/Satellite Measurements: Daily, hourly, and sub-hourly code and phase observations from GNSS ground network; Daily and hourly files of round trip time of flight from satellite laser ranging (SL ground network; Time-tagged range-rate measurements from DORIS ground network Daily and weekly precision satellite orbits derived from GNSS, SLR, and DORIS ground network observations. Note: Precise satellite orbits are required for higher level products. Station positions and velocities from GNSS, SLR, VLBI and DORIS ground networks
	PO.DAAC http://podaac.jpl.nasa.gov	<ul style="list-style-type: none"> GRACE Level 2 Monthly Gravity Field Estimates Surface Mass Density Changes from GRACE (monthly mass grids of water equivalent thickness)

Land Cover & Land Use Change	ASF SAR DAAC http://www.asf.alaska.edu	<ul style="list-style-type: none"> • ASF Data Pool of processed SAR data and images (Seasat, PALSAR, JERS-1, RADARSAT-1, ERS-1, ERS-2, UAVSAR, AIRSAR, AirMOSS) • Custom SAR Interferograms (ERS-1, ERS-2, JERS-1, PALSAR, RADARSAT-1) • Global Boreal Forest Mapping Project, JERS-1 SAR image mosaics of Boreal North America, Winter 1997-98 and Summer 1998 • Global Rainforest Mapping Project, JERS-1 SAR image mosaics of rain forests in 1) the Amazon region, 2) Central American and South American Pantanal regions, 3) Africa, and 4) Southeast Asia • MEaSUREs Wetlands Extent and Inundated Wetlands Time Series • SAR Data for Terrestrial Ecologists • UAVSAR Repeat Pass Interferometric products
	GES DISC http://disc.sci.gsfc.nasa.gov	<ul style="list-style-type: none"> • MODIS Normalized Difference Vegetation Index, MAIRS Monthly, 8-Day, and Monthly High Resolution, through Giovanni tool
	LaRC ASDC https://eosweb.larc.nasa.gov	<ul style="list-style-type: none"> • Biomass Burning data set • Multi-angle Imaging SpectroRadiometer (MISR) Level 1B2 Terrain Data, Level 2 Surface Parameters, and Level 3 Component Global Land (daily, monthly, quarterly, and yearly) Products
	LP DAAC https://lpdaac.usgs.gov	<ul style="list-style-type: none"> • ASTER L1B Registered Radiance at the Sensor • ASTER Level 2 Surface Radiance • ASTER Level 2 Surface Radiance SWIR Crosstalk-Corrected • ASTER Level 2 Surface Reflectance • ASTER Level 2 Surface Reflectance SWIR Crosstalk-Corrected • ASTER Level 3 Digital Elevation Model • ASTER Level 3 Global Digital Elevation Model (GDEM) 1 Arc-Second • ASTER Level 3 Orthorectified Images • MEaSUREs Web-Enabled Landsat Data • MODIS/Terra 250 meter Land Water Mask • MODIS/Terra and MODIS/Aqua Land Cover Dynamics Yearly L3 Global 500 m SIN Grid • MODIS/Terra and MODIS/Aqua Land Cover Type Yearly L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Land Cover Type Yearly L3 Global 500m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance 8-Day L3 Global 250m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance 8-Day L3 Global 500m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L2G Global 1km and 500m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L2G Global 250m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 1km SIN Grid • MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 250m SIN Grid • MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 500m SIN Grid • MODIS/Terra and MODIS/Aqua Vegetation Indices Monthly L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Vegetation Indices Monthly L3 Global 1km SIN Grid • MODIS/Terra Vegetation Continuous Fields Yearly L3 Global 250m SIN Grid
	NSIDC DAAC http://nsidc.org/daac	<ul style="list-style-type: none"> • SMAPVEX12 Land Cover Classification Map • Soil Moisture Experiment (SMEX) Data
	ORNL DAAC http://daac.ornl.gov	<ul style="list-style-type: none"> • BOREAS Data Sets: BOREAS AFM-12 1 km AVHRR Seasonal Land Cover Classification; BOREAS TE-18 Landsat TM Physical Classification Image of the NSA • Characteristics of African Savanna Biomes for Determining Woody Cover • Harmonized Global Land Use for Years 1500 -2100, V1 • LBA: Landsat TM and orthorectified ETM+ for legal Amazonia, and Land Use/Land Cover time series Ji-Parana Basin, Brazil 1986-2001, and Forest Structure Measurements for GLAS Validation: Santarem 2004 • NACP MsTMIP: Global and North American Driver Data for Multi-Model Intercomparison • Remote Sensing Data: MODIS Land Cover product (MOD12Q1) subsetted to 7 X 7 km for 1,147 field sites and presented in ASCII and Geotiff formats • SAFARI 2000: MODIS L3 albedo and land cover data, Southern Africa
Soil Moisture	ASF SAR DAAC http://www.asf.alaska.edu	<ul style="list-style-type: none"> • ASF Data Pool of processed SAR data and images (Seasat, PALSAR, JERS-1, RADARSAT-1, ERS-1, ERS-2, UAVSAR, AIRSAR, AirMOSS) • Custom SAR Interferograms (ERS-1, ERS-2, JERS-1, PALSAR, RADARSAT-1) • MEaSUREs Wetlands Extent and Inundated Wetlands Time Series • UAVSAR Repeat Pass Interferometric products

Soil Moisture (continued)	GES DISC http://disc.sci.gsfc.nasa.gov	<ul style="list-style-type: none"> • A Multi-year Global Analysis Employing the Goddard EOS (GEOS) Data Assimilation System • Four-dimensional Assimilated Dataset for the TOGA COARE Intensive Observing Period (IOP) • Global Land Data Assimilation System (GLDAS) Model Products • North American Land Data Assimilation System Hourly Data Products
	NSIDC DAAC http://nsidc.org/daac	<ul style="list-style-type: none"> • AMSR-E/Aqua Daily L3 Surface Soil Moisture, Interpretive Parameters, & QC EASE-Grids • AMSR-E/Aqua L2B Surface Soil Moisture, Ancillary Parameters, & QC EASE-Grids • Aquarius L2 Swath Single Orbit Soil Moisture • Aquarius L3 Gridded 1-Degree Daily, Weekly, & Monthly Soil Moisture • Aquarius L3 Gridded 1-Degree Seasonal Soil Moisture • Daily Global Land Surface Parameters Derived from AMSR-E • SMAPVEX12 Core-Based In Situ Soil Moisture Data for Agricultural Area • SMAPVEX12 Probe-Based In Situ Soil Moisture Data for Forest Area • Soil Moisture Experiment (SMEX) Data
	ORNL DAAC http://daac.ornl.gov	<ul style="list-style-type: none"> • BOREAS Data Set: BOREAS HYD-06 Ground Gravimetric Soil Moisture • FIFE Data Set: Soil Moisture Gravimetric Data
Soils	NSIDC DAAC http://nsidc.org/daac	<ul style="list-style-type: none"> • AMSR-E/Aqua Daily L3 Surface Soil Moisture, Interpretive Parameters, & QC EASE-Grids • AMSR-E/Aqua L2B Surface Soil Moisture, Ancillary Parameters, & QC EASE-Grids • Aquarius L2 Swath Single Orbit Soil Moisture • Aquarius L3 Gridded 1-Degree Daily, Weekly, & Monthly Soil Moisture • Aquarius L3 Gridded 1-Degree Seasonal Soil Moisture • Cold Land Process Field Experiment (CLPX) Data • SMAPVEX12 Core-Based In Situ Soil Moisture Data for Agricultural Area • SMAPVEX12 Probe-Based In Situ Soil Moisture Data for Forest Area • Soil Moisture Experiment (SMEX) Data
	ORNL DAAC http://daac.ornl.gov	<ul style="list-style-type: none"> • NACP MsTMIP: Global and North American Driver Data for Multi-Model Intercomparison • NACP MsTMIP: Unified North American Soil Map • Regridded Harmonized World Soil Database v1.2 • Soil Collection Data Sets: Global Gridded Surfaces of Selected Soil Characteristics (IGBP-DIS); Global Data Set of Derived Soil Properties, 0.5-Degree Grid (ISRIC-WISE)
Solid Earth Earth Orientation Parameters (EOP), Crustal Dynamics, Geodesy	ASF SAR DAAC http://www.asf.alaska.edu	<ul style="list-style-type: none"> • ASF Data Pool of processed SAR data and images (Seasat, PALSAR, JERS-1, RADARSAT-1, ERS-1, ERS-2, UAVSAR, AIRSAR, AirMOSS) • Custom SAR Interferograms (ERS-1, ERS-2, JERS-1, PALSAR, RADARSAT-1) • UAVSAR Repeat Pass Interferometric products
	CDDIS http://cddis.gsfc.nasa.gov	<ul style="list-style-type: none"> • Daily and weekly Earth Orientation Parameters (EOP) - polar motion and rates, length-of-day values, nutation) derived from GNSS, SLR, VLBI, and DORIS ground network measurements • Daily and hourly files of round trip time of flight from satellite laser ranging (SLR) ground network • GNSS data from National Geospatial-Intelligence Agency (NGA) sites • Ground Network/Satellite Measurements: Daily, hourly, and sub-hourly code and phase observations from GNSS ground network • Station positions and velocities from GNSS, SLR, VLBI and DORIS ground networks • Time-tagged range-rate measurements from DORIS ground network
Surface Temperature	GES DISC http://disc.sci.gsfc.nasa.gov	<ul style="list-style-type: none"> • A Multi-year Global Analysis Employing the Goddard EOS (GEOS) Data Assimilation System • Goddard DAAC Climatology Interdisciplinary Data Collection • MODIS Land Surface Temperature, MAIRS Monthly, 8-day, and Monthly High Resolution, through Giovanni tool • TOVS Pathfinder Path A Atmospheric and Surface Parameters
	LaRC ASDC https://eosweb.larc.nasa.gov	<ul style="list-style-type: none"> • CERES Clouds and Radiative Swath (CRS), Monthly Gridded Single Satellite Fluxes and Clouds (FSW), Monthly Gridded TOA/Surface Fluxes and Clouds (SFC), Monthly TOA/Surface Averages (SRBAVG), Single Scanner Footprint TOA/Surface Fluxes and Clouds (SSF), SYN1deg Products [from TRMM, Terra, and Aqua] • International Satellite Cloud Climatology Project (ISCCP) D1 and D2 data products • Surface Radiation Budget (SRB) data sets (monthly)

Surface Temperature (continued)	LP DAAC https://lpdaac.usgs.gov	<ul style="list-style-type: none"> • ASTER Global Emissivity Database (GED) • ASTER Level 2 Surface Emissivity • ASTER Level 2 Surface Kinetic Temperature • ASTER Level 3 Digital Elevation Model • ASTER Level 3 Orthorectified Images • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 5-Min L2 Swath 1km • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 8-Day L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 8-Day L3 Global 1km SIN Grid • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 1km SIN Grid • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 5600m SIN Grid • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Monthly L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire 5-Min L2 Swath 1km • MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire 8-Day L3 1km SIN Grid • MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire Daily L3 1km SIN Grid
	NSIDC DAAC http://nsidc.org/daac	<ul style="list-style-type: none"> • Daily Global Land Surface Parameters Derived from AMSR-E • IceBridge KT19 IR Surface Temperature • IceBridge NSERC L1B Geolocated Meteorologic and Surface Temperature Data
	ORNL DAAC http://daac.ornl.gov	<ul style="list-style-type: none"> • BOREAS Data Set: BOREAS TE-11 Surface Meteorological Data • Climate Collection Data Set: Global Monthly Climatology for the Twentieth Century (New et al.) • Daymet: Daily Surface Weather Data on a 1-km Grid for North America, Version 2 • Remote Sensing Data Set: MODIS Land Surface Temperature (MOD11A2) subsetted to 7 x 7 km for 1,147 sites worldwide and presented in ASCII and Geotiff formats • SAFARI 2000 TOVS Surface and Atmospheric Data
	Surface Topography Elevation, slope, DEMs	<ul style="list-style-type: none"> • ASF Data Pool of processed SAR data and images (Seasat, PALSAR, JERS-1, RADARSAT-1, ERS-1, ERS-2, UAVSAR, AIRSAR, AirMOSS) • Custom SAR Interferograms (ERS-1, ERS-2, JERS-1, PALSAR, RADARSAT-1) • Daymet: Daily Surface Weather Data on a 1-km Grid for North America, Version 2 • SAR Data for Terrestrial Ecologists (PALSAR GeoTIFF subsets of 42 flux tower locations) • UAVSAR Repeat Pass Interferometric products
	CDDIS http://cddis.gsfc.nasa.gov	<ul style="list-style-type: none"> • Ground Network/Satellite Measurements: Daily, hourly, and sub-hourly code and phase observations from GNSS ground network; Daily and sub-daily GNSS satellite orbits and clocks; Daily and hourly files of round trip time of flight from satellite laser ranging (SLR) ground network; Time-tagged range-rate measurements from DORIS ground network • Station positions and velocities from GNSS, SLR, VLBI and DORIS ground networks
	LP DAAC https://lpdaac.usgs.gov	<ul style="list-style-type: none"> • ASTER Level 3 Digital Elevation Model • ASTER Level 3 Global Digital Elevation Model (GDEM) 1 Arc-Second • MEASUREs SRTM Version 3.0 (SRTM Plus)
	NSIDC DAAC http://nsidc.org/daac	<ul style="list-style-type: none"> • Antarctic 5-km Digital Elevation Model from ERS-1 Altimetry • GLAS/ICESat 1 km Laser Altimetry Digital Elevation Model of Greenland • GLAS/ICESat 500 m Laser Altimetry Digital Elevation Model of Antarctica • GLAS/ICESat L1B Global Elevation Data • GLAS/ICESat L2 Global Land Surface Altimetry Data • Greenland 5 km DEM, Ice Thickness, and Bedrock Elevation Grids • IceBridge Aircraft Data Sets (a large collection of data sets bridging the ICESat-1 and ICESat-2 missions) • IceBridge Level-4 ATM Surface Elevation Rate of Change • IceBridge LVIS L2 Geolocated Surface Elevation Product • IceBridge MCoRDS L3 Gridded Ice Thickness, Surface, and Bottom • MODIS Mosaic of Antarctica (MOA) Image Map • Radarsat Antarctic Mapping Project Digital Elevation Model Version 2 • RAMP AMM-1 SAR Image Mosaic of Antarctica
	ORNL DAAC http://daac.ornl.gov	<ul style="list-style-type: none"> • FLUXNET, MODIS ASCII Subset, and Net Primary Productivity (NPP) site elevation and other topographic feature extraction with WebGIS

Vegetation Dynamics Frequency of occurrence, thermal anomalies, impact	ASF SAR DAAC http://www.asf.alaska.edu	<ul style="list-style-type: none"> ASF Data Pool of processed SAR data and images (Seasat, PALSAR, JERS-1, RADARSAT-1, ERS-1, ERS-2, UAVSAR, AIRSAR, AirMOSS) Global Boreal Forest Mapping Project, JERS-1 SAR image mosaics of Boreal North America, Winter 1997-98 and Summer 1998 Global Rainforest Mapping Project, JERS-1 SAR image mosaics of rain forests in 1) the Amazon region, 2) Central American and South American Pantanal regions, 3) Africa, and 4) Southeast Asia MEaSUREs Wetlands Extent and Inundated Wetlands Time Series SAR Data for Terrestrial Ecologists (PALSAR GeoTIFF subsets of 42 flux tower locations)
	LaRC ASDC https://eosweb.larc.nasa.gov	<ul style="list-style-type: none"> Clouds and the Earth's Radiant Energy System (CERES) Synoptic Radiative Fluxes and Clouds (SYN1deg), Monthly Regional Radiative Fluxes and Clouds (SYN1deg), and Monthly Zonal and Global Radiative Fluxes and Clouds (SYN1deg) Products [from Terra and Aqua] MISR Level 2 Surface Parameters and Level 3 Component Global Land (daily, monthly, quarterly, and yearly) Products
	LP DAAC https://lpdaac.usgs.gov	<ul style="list-style-type: none"> ASTER L1B Registered Radiance at the Sensor ASTER Level 2 Surface Radiance ASTER Level 2 Surface Radiance SWIR Crosstalk-Corrected ASTER Level 2 Surface Reflectance ASTER Level 2 Surface Reflectance SWIR Crosstalk-Corrected ASTER Level 3 Digital Elevation Model ASTER Level 3 Global Digital Elevation Model (GDEM) 1 Arc-Second ASTER Level 3 Orthorectified Images MODIS/Terra and MODIS/Aqua Gross Primary Productivity 8-day L4 Global 1km SIN Grid MODIS/Terra and MODIS/Aqua Land Cover Dynamics Yearly L3 Global 500 m SIN Grid
	LP DAAC (continued)	<ul style="list-style-type: none"> MODIS/Terra and MODIS/Aqua Leaf Area Index/FPAR 4-Day L4 Global 1km SIN Grid MODIS/Terra and MODIS/Aqua Leaf Area Index/FPAR 8-Day L4 Global 1km SIN Grid MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 0.05Deg CMG MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 1km SIN Grid MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 250m SIN Grid MODIS/Terra and MODIS/Aqua Vegetation Indices 16-Day L3 Global 500m SIN Grid MODIS/Terra and MODIS/Aqua Vegetation Indices Monthly L3 Global 0.05Deg CMG MODIS/Terra and MODIS/Aqua Vegetation Indices Monthly L3 Global 1km SIN Grid MODIS/Terra Net Primary Productivity Yearly L4 Global 1km SIN Grid MODIS/Terra Vegetation Continuous Fields Yearly L3 Global 250m SIN Grid
	NSIDC DAAC http://nsidc.org/daac	<ul style="list-style-type: none"> AMSR-E/Aqua Daily L3 Surface Soil Moisture, Interpretive Parameters, & QC EASE-Grids SMAPVEX12 Vegetation Water Content Map Soil Moisture Experiment (SMEX) Data
	ORNL DAAC http://daac.ornl.gov	<ul style="list-style-type: none"> BigFoot Field Data for North American Sites, 1999-2003 Field Campaign Vegetation Indices and Biology Data Sets: Photosynthesis, Biomass, Leaf Chlorophyll, and Leaf Area Index Model Archive: Archive of Biogeochemical Models [latest addition: MAPSS (Mapped Atmosphere-Plant-Soil System Model) Version 1.0] Phenoregions For Monitoring Vegetation Responses to Climate Change Remote Sensing Data: MODIS Vegetation Dynamics Products [LAI/fPAR (MOD15A2), EVI (MOD13A2), and GPP (MOD17A2)] subsetted to 7 X 7 km for 1,147 field sites worldwide and presented in ASCII and Geotiff formats Vegetation Collection: Net Primary Productivity data sets; Biomass Allocation and Growth Data of Seeded Plants; and Leaf Area Index Maps at 30-m Valeri site, Larose Canada
	ASF SAR DAAC http://www.asf.alaska.edu	<ul style="list-style-type: none"> ASF Data Pool of processed SAR data and images (Seasat, PALSAR, JERS-1, RADARSAT-1, ERS-1, ERS-2, UAVSAR, AIRSAR, AirMOSS) Custom SAR Interferograms (ERS-1, ERS-2, JERS-1, PALSAR, RADARSAT-1) UAVSAR Repeat Pass Interferometric products
Volcanic Effects Frequency of occurrence, thermal anomalies, impact	LaRC ASDC https://eosweb.larc.nasa.gov	<ul style="list-style-type: none"> MISR Level 2 Aerosol Parameters, Level 2 TOA/Cloud Stereo Parameters, and Level 3 Component Global Aerosol Daily Product SAGE III Level 2 Solar Event Species Profiles Stratospheric Aerosol and Gas Experiment (SAGE) II data set

Volcanic Effects Frequency of occurrence, thermal anomalies, impact (continued)	LP DAAC https://lpdaac.usgs.gov	<ul style="list-style-type: none"> • ASTER L1B Registered Radiance at the Sensor • ASTER Level 2 Surface Emissivity • ASTER Level 2 Surface Kinetic Temperature • ASTER Level 2 Surface Radiance • ASTER Level 2 Surface Radiance SWIR Crosstalk-Corrected • ASTER Level 3 Digital Elevation Model • ASTER Level 3 Global Digital Elevation Model (GDEM) 1 Arc-Second • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 5-Min L2 Swath 1km • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 8-Day L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity 8-Day L3 Global 1km SIN Grid • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 1km SIN Grid • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Daily L3 Global 5600m SIN Grid • MODIS/Terra and MODIS/Aqua Land Surface Temperature/Emissivity Monthly L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Surface Reflectance 8-Day L3 Global 250m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance 8-Day L3 Global 500m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L2G Global 1km and 500m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L2G Global 250m SIN Grid • MODIS/Terra and MODIS/Aqua Surface Reflectance Daily L3 Global 0.05Deg CMG • MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire 5-Min L2 Swath 1km • MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire 8-Day L3 1km SIN Grid • MODIS/Terra and MODIS/Aqua Thermal Anomalies/Fire Daily L3 1km SIN Grid
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ASF SAR DAAC Alaska Satellite Facility (ASF) Synthetic Aperture Radar (SAR) DAAC

CDDIS Crustal Dynamics Data Information System

GES DISC Goddard Space Flight Center (GSFC) Earth Sciences Data and Information Services Center (DISC)

LaRC ASDC Langley Research Center (LaRC) Atmospheric Science Data Center (ASDC)

LP DAAC Land Processes DAAC

NSIDC DAAC National Snow and Ice Data Center DAAC

ORNL DAAC Oak Ridge National Laboratory DAAC

PO.DAAC Physical Oceanography DAAC

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